

architectural



lighting designer's



toolkit



Compelling New Tools for Archi-Textural Lighting

color

Introducing the
**Architectural
Lighting Designer's
Tool Kit**—essential
products from the
lighting professionals
at High End Systems.

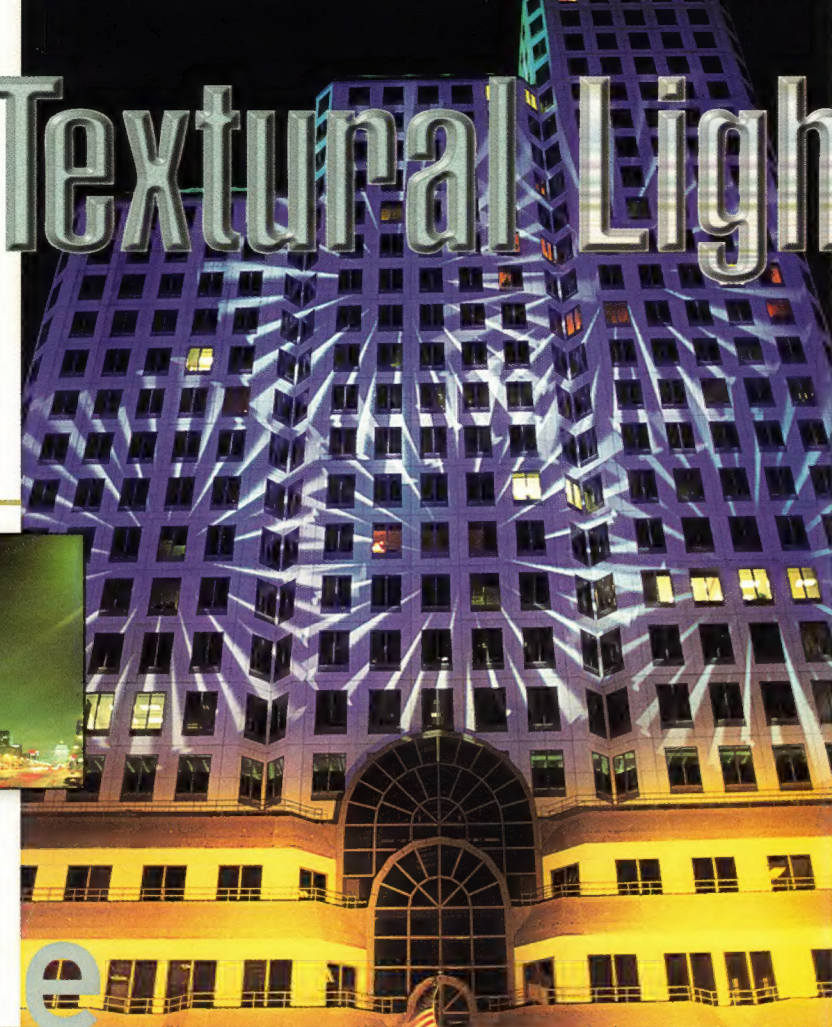


STUDIO COLOR

automated wash
luminaire

The STUDIO COLOR™
automated wash
luminaire...

Color, motion, and beam
shape come under total
control in a powerful and
practical new fixture.



To contact the best
customer service
department in
the industry, call
1.800.890.8989 or
fax 1.512.834.9195

texture

CYBERLIGHT

automated luminaire



Exclusively for use in Cyberlight, LiboPatterns™
high-resolution glass gobos provide customizable,
photo-quality image projection.

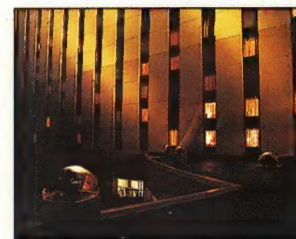
The CYBERLIGHT®
automated luminaire
is the world's most
sophisticated, versatile
pattern and effects
fixture, combining
unprecedented light
power with stunning
optical capabilities.

Studio Color and Ecodome
offer the ArchiTEXTURAL
designer total control over
form, color, texture and
movement.

WINNER, "Entertainment
Lighting Product '96,"
Lighting Dimensions
International 1996

WINNER, "Product
Innovation," Professional
Lighting & Sound
Association 1996

WINNER, "New Lighting
Product of the Year," LIVE!
Magazine 1996 Awards



ecodome

architectural housing

WINNER, "Architectural
Lighting Product '96," Lighting
Dimensions International 1996.



Ecologically attractive
and weather-resistant,
the Ecodome™ modular
architectural housing
unit is U.L. approved for
outdoor use with Studio
Color and Cyberlight
luminaires.

DATAFLASH

xenon strobe fixture



A quantum leap in strobe
technology. Brilliant new
technical advances place
AF1000 in a class by

itself as not only an ultra
high power flash system,
but also as a continuous
illumination source.

light



High End Systems:
WINNER, "Equipment
Manufacturer of the Year '96,"
Performance Magazine

Specifications subject to change without notice.

<http://www.highend.com>

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STUDIO COLOR® "S" AUTOMATED WASH LUMINAIRE

High output MSR 575/2 discharge light source (6200K color temperature)

Rotatable, variable beam shaping gives full control over soft-edge shuttering

No fans—convection cooled for quiet operation via integrated heatsink/reflector combination

Selectable beam angle from 8° to 22°

Smooth dichroic subtractive color mixing system

Six position color wheel with replaceable dichroic filters

Yoke movement of 370° pan and 240° tilt with full 16 bit resolution

Color correction filters may be fitted in the color wheel (Full CTO fitted as standard)

Accessory PAR type lenses are available providing WFL and XWFL PAR beams

Variable frost

Auto sensing supply voltage selection (100 to 230 VAC, 50/60Hz)

Auto power saving lamp idle mode cuts lamp power to 50% when shutter is closed.

Easy, quick lamp replacement

All functions controllable via DMX-512 protocol

Integral AC power switch/breaker

Silent, flicker free electronic lamp power supply with quick, unipolar ignition.

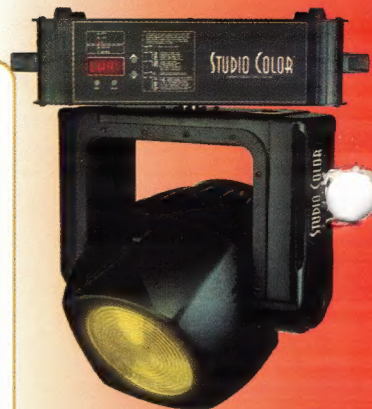
Recommended breaker use:
4 units per 20 A @ 230 VAC.

ETL, CETL, and CE approved

Weight: 25.9 kg (57 lbs)

Dimensions with lamp head in full down position: 483mm W x 653mm H x 305mm D (19" W x 25.7" H x 12" D)

Recommended controllers: Lightwave Research LCD lighting controller, Lightwave Research Status Cue lighting console or any DMX-512 compatible controller.



CYBERLIGHT® AUTOMATED LUMINAIRE

1200W, 5600° Kelvin high intensity light source

MSR lamp technology improves output-to-age-ratio with exceptional color stability throughout life

Computer designed optical components for maximum light efficiency

Motorized variable frost

Field angle up to 36°

Motorized variable zoom

Selectable diffusion

Infinitely variable dichroic subtractive color mixing system

Full optical dimming and fade to black

Eight position indexed color wheel with a versatile selection of richly saturated dichroic colors plus white

Eight position indexed gobo system now offers all glass, replaceable LithoPatterns™ gobos

Four bi-directional variable speed rotating gobos

Custom rotating gobo assemblies of metal and glass substrates may be used (4mm maximum thickness)

Standard and optional LithoPatterns™ high resolution glass gobos deliver

customizable, photo-quality image projection

Operating voltage: 200 to 240 VAC 50/60 Hz (incl. 208 V 60 Hz.)

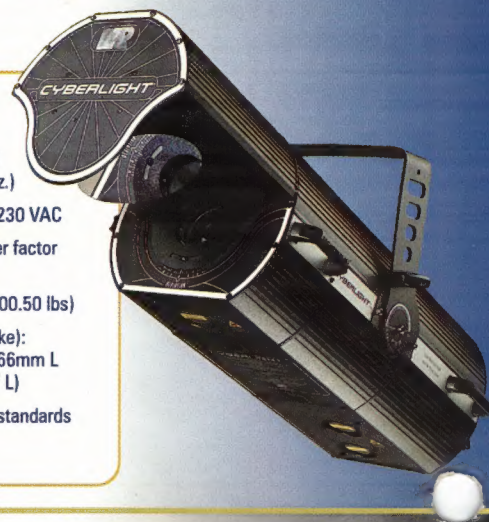
Current consumption: 8A @ 230 VAC

Equipped with integral power factor correction

Weight (incl. yoke): 45.6 kg (100.50 lbs)

Dimensions (without yoke):
317mm H x 330mm W x 1066mm L
(12.5" H x 13" W x 42" L)

Built to comply with rigid IEC standards



ECODOME™ ARCHITECTURAL HOUSING

Weather resistant modular outdoor housing system designed exclusively for High End's Studio Color® and Cyberlight® lighting fixtures

Attractive, elegant ergonomic styling and color blends in well with existing architecture

Rotationally molded, neutral gray, high density polymer base

Glanded connection ports for above or below ground wiring

Secured via internal bolts for high theft resistance

Easy access for installation and maintenance via tamper-proof hardware

Available in 115 or 230 VAC 50/60 Hz versions

Filtered forced air ventilation enables Ecodome to work in almost any climate

Temperature rating:
-6.7° C (-20° F) to 40° C (104° F)

Self resetting thermal protection

Uses standard air filters

High impact, UV resistant, clear polycarbonate dome

Designed to meet ETL, CETL and CE requirements

Weight of Studio Color Ecodome without fixture inside: 32 kg (72 lbs)

Overall dimensions of Studio Color Ecodome: 0.80 m (31.5") dia. x 1.15 m (45.2") deep

Weight of Cyberlight Ecodome without fixture inside: 41 kg (92 lbs)

Overall dimensions of Cyberlight Ecodome: 0.80 m (31.5") dia. x 1.73 m (68") deep

Optional custom colors available



DATAFLASH AF1000® XENON STROBE FIXTURE

Maximum continuous flash power:
25,000 Joules, duty cycle microprocessor regulated

Will emit light continuously from one second (highest power) to continuously illuminated (lower power).

Single flash power: 100 Joules

Maximum flash rate: 120 FPS at 60 Hz
100 FPS at 50 Hz

Color temperature: 5600° Kelvin

Lamp life: Standard setting: 2M flashes @ 30 Joules • Architectural setting: 8M flashes @ 30 Joules per flash • Special effect setting: 4M flashes @ 60 Joules

Personality switch setting and selection of flash tube enables stand alone, standard, architectural, or special effect operation

Operational and communication modes:
AF1000 uses up to three DMX channels per fixture for DMX control over any combination of rate, duration and intensity in seven DMX modes

64 levels of intensity (dimming), 64 levels of rate and 64 levels of duration are provided

Up to 512 fixtures may be individually addressed

Quick lamp replacement

Every fixture has data active, status, and power LEDs, giving the user access to the fixture's built in self diagnostic facility

3-phase system capability

Auto voltage sensing from 100 VAC to 240 VAC, 50/60 Hz

Self resetting thermal shutdown

Current consumption adjustable

Maximum current consumption: 20 Amps

Weight: 1.9 kg (4.2 lbs)

Dimensions: 241mm length x 213mm diameter (9.5" length x 8.4" diameter)

